| ٠ | į. |   |   |
|---|----|---|---|
| 4 | ١  | _ |   |
|   | ٦  |   |   |
|   |    | L | ` |

|                                                                                                                                                                                                                                                                                                                                              | Application No.                                                                         | Applicant(s)                                                                                                     |                                |  |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------|--------------------------------|--|
|                                                                                                                                                                                                                                                                                                                                              | 10/691,724                                                                              | 91,724 TANIELIAN, MINAS H.                                                                                       |                                |  |
| Notice of Allowability                                                                                                                                                                                                                                                                                                                       | Examiner                                                                                | Art Unit                                                                                                         | <u> </u>                       |  |
|                                                                                                                                                                                                                                                                                                                                              | J. Woodrow Eldred                                                                       | 3644                                                                                                             |                                |  |
| The MAILING DATE of this communication app<br>All claims being allowable, PROSECUTION ON THE MERITS IS<br>nerewith (or previously mailed), a Notice of Allowance (PTOL-85<br>NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT I<br>of the Office or upon petition by the applicant. See 37 CFR 1.31                                           | S (OR REMAINS) CLOSED in (6) or other appropriate commur RIGHTS. This application is su | this application. If not inclunication will be mailed in du                                                      | ided<br>ie course. <b>THIS</b> |  |
| 1. X This communication is responsive to <u>amendment filed 1-</u>                                                                                                                                                                                                                                                                           | <u>28-05</u> .                                                                          |                                                                                                                  |                                |  |
| 2. X The allowed claim(s) is/are <u>2-4,6-33,35-37,39-66,68-78,8</u>                                                                                                                                                                                                                                                                         | 0 and 81.                                                                               |                                                                                                                  |                                |  |
| 3. $\boxtimes$ The drawings filed on <u>22 October 2003</u> are accepted by t                                                                                                                                                                                                                                                                | he Examiner.                                                                            |                                                                                                                  |                                |  |
| <ol> <li>Acknowledgment is made of a claim for foreign priority of a) All b) Some* c) None of the:</li> <li>Certified copies of the priority documents have a Copies of the priority documents have a Copies of the certified copies of the priority documents have a Copies of the certified copies of the priority description.</li> </ol> | ve been received.<br>ve been received in Application                                    | ı No                                                                                                             | cation from the                |  |
| * Certified copies not received:                                                                                                                                                                                                                                                                                                             |                                                                                         |                                                                                                                  |                                |  |
| Applicant has THREE MONTHS FROM THE "MAILING DATE noted below. Failure to timely comply will result in ABANDON THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.                                                                                                                                                                                    |                                                                                         | a reply complying with the                                                                                       | requirements                   |  |
| 5. A SUBSTITUTE OATH OR DECLARATION must be sub-<br>INFORMAL PATENT APPLICATION (PTO-152) which gi                                                                                                                                                                                                                                           |                                                                                         |                                                                                                                  | NOTICE OF                      |  |
| 3. CORRECTED DRAWINGS ( as "replacement sheets") mi                                                                                                                                                                                                                                                                                          | ust be submitted.                                                                       |                                                                                                                  |                                |  |
| (a) $\square$ including changes required by the Notice of Draftspe                                                                                                                                                                                                                                                                           | _                                                                                       | ( PTO-948) attached                                                                                              |                                |  |
| 1) hereto or 2) to Paper No./Mail Date                                                                                                                                                                                                                                                                                                       |                                                                                         |                                                                                                                  |                                |  |
| (b) ☐ including changes required by the attached Examine<br>Paper No./Mail Date                                                                                                                                                                                                                                                              | r's Amendment / Comment or                                                              | in the Office action of                                                                                          |                                |  |
| Identifying indicia such as the application number (see 37 CFR each sheet. Replacement sheet(s) should be labeled as such in                                                                                                                                                                                                                 |                                                                                         |                                                                                                                  | he back) of                    |  |
| 7. ☐ DEPOSIT OF and/or INFORMATION about the department attached Examiner's comment regarding REQUIREMEN                                                                                                                                                                                                                                     | osit of BIOLOGICAL MATE                                                                 | RIAL must be submitted                                                                                           | l. Note the                    |  |
|                                                                                                                                                                                                                                                                                                                                              |                                                                                         |                                                                                                                  |                                |  |
| Attachment(s) 1. ⊠ Notice of References Cited (PTO-892)                                                                                                                                                                                                                                                                                      | 5 🗀 Notice of Info                                                                      | ormal Patent Application (F                                                                                      | PTO-152)                       |  |
| <ol> <li>Notice of References Cited (FTO-652)</li> <li>Notice of Draftperson's Patent Drawing Review (PTO-948)</li> </ol>                                                                                                                                                                                                                    | <u> </u>                                                                                | <ul><li>5. ☐ Notice of Informal Patent Application (PTO-152)</li><li>6. ☐ Interview Summary (PTO-413),</li></ul> |                                |  |
| 3. ☐ Information Disclosure Statements (PTO-1449 or PTO/SB                                                                                                                                                                                                                                                                                   | Paper No./N                                                                             | Paper No./Mail Date" 7.  Examiner's Amendment/Comment                                                            |                                |  |

J. Wooden Eldred

8. 

Examiner's Statement of Reasons for Allowance

Paper No./Mail Date

of Biological Material

3. Information Disclosure Statements (PTO-1449 or PTO/SB/08),

4. 

Examiner's Comment Regarding Requirement for Deposit

9. Other \_

Art Unit: 3644

1. The following is an examiner's statement of reasons for allowance: The prior art fails to disclose or make obvious the claimed control system for a remote vehicle. Specifically, the prior art fails to show an array of electromagnetic sensors that receive an electromagnetic beam and a control system that uses the signals from the sensors to maneuver the vehicle by directing the propulsion system of the vehicle such that the beam is continuously received and that the output of each sensor of the array is equalized. Note that newly cited Miller, Jr. et al (5,374,009) fails to show continuously receiving "the incoming electromagnetic beam" since it operates on the radiation scattered from the beam and it operates by equalizing the sum of opposite sensors, not by equalizing the signal from each of the sensors.

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

- 2. Claims 2-4, 6-33, 35-37, 39-66, 68-78, 80, and 81 are allowed.
- 3. Any inquiry concerning this communication or earlier communications from the examiner should be directed to J. Woodrow Eldred whose telephone number is 571-273-6901. The examiner can normally be reached on Monday to Thursday, from 8:00 a.m. to 5:30 p.m..

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Teri Luu can be reached on 571-272-7045. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

Information-regarding-the-status of-an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see http://pair-direct.uspto.gov. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

J. Woodrow Eldred Primary Examiner

Art Unit 3644